FIRST EDITION

GOVERNMENT OF MADRAS

DETAILED IRRIGATION BUDGET

FOR THE YEAR

1939-40

(MAJOR HEADS XVII, 17, 18, 19 AND 68)
[DEMANDS VII AND XXXI]

MADRAS
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DETAILED IRRIGATION BUDGET

FOR THE YEAR

1939-1940.

FIRST EDITION

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4-6-1941

DETAILED IRRIGATION BUDGET

FOR THE YEAR

1939-1940.

ABSTRACT OF EXPENDITURE ON IRRIGATION WORKS.

Head of account. (1)	Details. (2)	Budget Estimate, 1939-1940. (3)
		RS.
XVII. Irrigation, Navigation, Embankment and Drainage Works for which Capital Accounts are kept—Working Expenses.	Extensions and Improvements	2,16,800
	Maintenance and Repairs	23,36,600
	Establishment (including Pensionary charges)	11,02,400
	Tools and Plant	21,700
	Provision for Flood Repairs	1,00,000
	Total—'XVII'—Working Expenses ..	37,77,500
17. Interest on works for which capital accounts are kept (Irrigation, Navigation, etc.).	Interest on works	87,96,000
18. Irrigation—Other Revenue expenditure financed from ordinary revenues— I. Works in charge of Public Works Department.	Works	48,000
	Extensions and Improvements	1,63,300
	Maintenance and Repairs	16,75,200
	Establishment	5,52,800
	Tools and Plant	17,600
	Other charges (including Grants-in-aid) ..	27,900
	Lump deduction on account of probable savings	— 700
	Provision for Flood Repairs	2,00,000
	Deduct—Amount financed from Famine Relief Fund. (See pages 7 and 8 *infra*) ..	— 5,000
	Total—I. ..	26,79,100
II. Minor Irrigation (Revenue department).	Minor Irrigation	12,54,100
	Total—'18' ..	39,33,200

DETAILED IRRIGATION BUDGET, 1939-1940

ABSTRACT OF EXPENDITURE ON IRRIGATION WORKS—*cont.*

Head of account. (1)	Details. (2)	Budget Estimate, 1939-1940. (3)
		RS.
19. Construction of Irrigation, Navigation, Embankment and Drainage Works—Financed from Ordinary Revenues.	Works	1,32,900
	Establishment (including Pensionary charges)	36,700
	Tools and Plant	1,100
	Lump addition for re-grant of lapses ..	300
	Lump deduction for probable savings ..	— 2,300
	Total—'19' ..	1,68,700
68. Construction of Irrigation, Navigation, Embankment and Drainage Works.	Works (excluding lump addition and deduction specified below)	5,14,700
	Establishment (including Pensionary charges)	1,45,800
	Tools and Plant	4,100
	Suspense	— 3,000
	Lump addition for re-grant of lapses ..	1,000
	Lump deduction on account of probable savings	— 13,100
	Deduct—	
	Recoveries on Capital Account	— 50,000
	Total—'68' ..	5,99,500

DEMAND VII—IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1939–1940.

DEMAND FOR GRANT (VOTED) .. .. Rs. 62,43,900

Total of sums Charged .. .. .. Rs. 88,17,300

Summary by Major Heads.

HEAD OF ACCOUNT.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
XVII. IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES ..	*23,369*	30,98,242	*22,200*	28,67,600	*21,800*	27,30,000	*20,600*	27,29,000
17. IRRIGATION—INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT	*84,30,813*	..	*80,69,000*	..	*87,60,000*	..	*87,96,000*	..
18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES ..	..	36,17,984	..	33,93,400	..	33,01,900	..	33,81,600
19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS ..	*2,381*	2,55,664	*1,000*	1,79,400	*500*	91,800	*700*	1,33,300
TOTAL—DEMAND VII—IRRIGATION.	*84,56,563*	69,71,890	*80,92,200*	64,40,400	*87,82,300*	61,23,700	*88,17,300*	62,43,900
	1,54,28,453		1,45,32,600		1,49,06,000		1,50,61,200	

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Irrigation Works—Productive Works.								
XVII. a EXTENSIONS AND IMPROVEMENTS.	..	4,35,460	..	2,27,300	..	20,700 † + 200	..	2,06,800 † + 6,400
XVII. b. MAINTENANCE AND REPAIRS ..	..	21,06,014	..	20,45,000	..	22,79,500	..	19,73,500
XVII. c. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT.	..	893	..	900	..	900	..	900
B. METTUR TOWNSHIP ADMINISTRATION ..	..	5,625	..	15,300	..	4,000	..	3,100
TOTAL—IRRIGATION WORKS—PRODUCTIVE WORKS ..	..	25,47,992	..	22,88,500	..	23,05,300	..	21,90,700
	25,47,992		22,88,500		23,05,300		21,90,700	
Irrigation Works—Unproductive Works.								
XVII. d. EXTENSIONS AND IMPROVEMENTS ...	..	4,733	..	6,300	..	7,900		..
XVII. e. MAINTENANCE AND REPAIRS ..	..	2,38,011	..	2,04,100	..	2,13,100		1,92,400
TOTAL—IRRIGATION WORKS—UNPRODUCTIVE WORKS.	..	2,42,744	..	2,10,400	..	2,21,000		1,92,400
	2,42,744		2,10,400		2,21,000		1,92,400	

† Represents cost of English stores.

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and Sub-heads of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Navigation, Embankment and Drainage Works—Unproductive Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS	RS.
XVII. f. EXTENSIONS AND IMPROVEMENTS.	..	2,050	..	4,500	..	14,400	..	3,600
XVII. g. MAINTENANCE AND REPAIRS ..	..	2,17,794	..	2,26,900	..	1,15,800	..	1,70,700
TOTAL—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.	..	2,19,844	..	2,31,400	..	1,30,200	..	1,74,300
	2,19,844		2,31,400		1,30,200		1,74,300	
XVII. PENSION CHARGES—								
IRRIGATION—								
PRODUCTIVE ..	*20,372*	78,795	*19,000*	63,200	*19,300*	65,000	*17,900*	62,300
UNPRODUCTIVE ..	*1,923*	6,860	*1,900*	6,200	*1,800*	6,000	*1,800*	6,100
NAVIGATION—UNPRODUCTIVE ..	*1,074*	2,007	*1,300*	4,400	*700*	2,500	*900*	3,200
TOTAL—PENSION CHARGES ..	*23,369*	87,662	*22,200*	73,800	*21,800*	73,500	*20,600*	71,600
XVII. PROVISION FOR FLOOD REPAIRS—								
(i) PRODUCTIVE ..	..	..	.	41,000	..	..	..	59,300
(ii) UNPRODUCTIVE ..	..	..	..	22,500	..	..	..	40,700
TOTAL—FLOOD REPAIRS ..	..	..	..	63,500	..	..	..	1,00,000
TOTAL—XVII—WORKING EXPENSES (INCLUDED IN DEMAND VII—IRRIGATION)	*23,369*	30,98,242	*22,200*	28,67,600	*21,800*	27,30,000	*20,600*	27,29,000
	31,21,611		28,89,800		27,51,800		27,49,600	
Add— *Pro-rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.								
(*a*) ESTABLISHMENT—								
IRRIGATION—								
PRODUCTIVE ..	*2,22,644*	8,54,632	*2,17,900*	7,25,900	*2,11,100*	7,09,600	*1,95,300*	6,80,400
UNPRODUCTIVE ..	*21,015*	74,972	*21,300*	71,100	*19,600*	65,900	*19,200*	66,500
NAVIGATION—UNPRODUCTIVE ..	*11,731*	21,933	*15,000*	50,000	*8,100*	27,100	*10,000*	34,800
TOTAL—ESTABLISHMENT ..	*2,55,390*	9,51,537	*2,54,200*	8,47,000	*2,38,800*	8,02,600	*2,24,500*	7,81,700

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Add— *Pro-rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.—*cont.*								
(*b*) TOOLS AND PLANT—								
IRRIGATION— PRODUCTIVE ..	..	14,360	..	17,800	..	17,200	..	18,400
UNPRODUCTIVE ..	..	806	..	1,800	..	1,700	..	1,900
NAVIGATION— UNPRODUCTIVE ..	..	247	..	1,800	..	1,000	..	1,400
TOTAL—TOOLS AND PLANT..	..	15,413	..	21,400	..	19,900	..	21,700
TOTAL—MAJOR HEAD XVII—IRRIGATION—WORKING EXPENSES.	*2,78,759*	40,65,192	*2,76,400*	37,36,000	*2,60,600*	35,52,500	*2,45,100*	35,32,400
	43,43,951		40,12,400		38,13,100		37,77,500	
DISTRIBUTION OF THE MAJOR HEAD TOTAL AS BETWEEN PRODUCTIVE AND UNPRODUCTIVE—								
IRRIGATION—								
PRODUCTIVE ..	*2,43,016*	34,95,779	*2,36,900*	31,36,400	*2,30,400*	30,97,100	*2,13,200*	30,11,100
UNPRODUCTIVE ..	*22,938*	3,25,382	*23,200*	3,12,000	*21,400*	2,94,600	*21,000*	3,07,600
NAVIGATION—								
UNPRODUCTIVE ..	*12,805*	2,44,031	*16,300*	2,87,600	*8,800*	1,60,800	*10,900*	2,13,700
TOTAL ..	*2,78,759*	40,65,192	*2,76,400*	37,36,000	*2,60,600*	35,52,500	*2,45,100*	35,32,400
	43,43,951		40,12,400		38,13,100		37,77,500	

17. INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

Summary by Minor Heads and Sub-heads of appropriation.

17. a. IRRIGATION WORKS—								
(1) PRODUCTIVE ..	*64,13,572*	..	*61,44,000*	..	*66,68,000*	..	*67,01,000*	..
(2) UNPRODUCTIVE ..	*16,37,694*	..	*15,64,000*	..	*16,99,000*	..	*17,02,000*	..
17. b. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS— UNPRODUCTIVE ..	*3,79,547*	..	*3,61,000*	..	*3,93,000*	..	*3,93,000*	..
GRAND TOTAL—MAJOR HEAD 17 ..	*84,30,813*	..	*80,69,000*	..	*87,60,000*	..	*87,96,000*	..
	84,30,813		80,69,000		87,60,000		87,96,000	

18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
IRRIGATION WORKS.								
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. a. WORKS	..	65,659	..	45,700	..	49,100	..	48,000
18. b. EXTENSIONS AND IMPROVEMENTS.	..	1,11,851	..	1,43,200	..	1,31,600	..	1,49,000
18. c. MAINTENANCE AND REPAIRS ..	..	15,00,906	..	12,92,900	..	13,86,200	..	12,51,300
MISCELLANEOUS EXPENDITURE.								
18. d. ESTABLISHMENTS—								
A. PAY OF OFFICERS AND ESTABLISHMENTS ..	..	18,669	..	14,400	..	15,800	..	14,200
B. OTHER CHARGES ..	..	12,144	..	5,600	..	7,300	..	4,100
Total—18. d. ..	..	30,813	..	20,000	..	23,100	..	18,300
18. e. TOOLS AND PLANT.	..	13,124	..	..	..	300	..	500
18. f. OTHER CHARGES—								
OTHER PROJECTS ..	..	51,170	..	25,300	..	36,900	..	19,400
18. l. GRANTS-IN-AID ..	..	7,500	..	7,500	..	7,500	..	7,500
TOTAL—PUBLIC WORKS DEPARTMENT ..	..	17,81,023	..	15,34,600	..	16,34,700	..	14,94,000

18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937-1938.		Budget Estimate, 1938-1939.		Revised Estimate, 1938-1939.		Budget Estimate, 1939-1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Minor Irrigation. Revenue Department.								
18. g. WORKS—								
A. ORDINARY AREAS.	..	12,549	..	19,000	..	19,000	..	27,000
Deduct—PROBABLE SAVINGS	..	..	..	..	..	..	..	— 9,000
B. PARTIALLY EXCLUDED AREAS ..	..	1,280	..	3,000	..	3,000	..	5,100
Deduct—PROBABLE SAVINGS	..	..	..	..	..	..	..	— 1,700
TOTAL—18. g. ..	..	13,829	..	22,000	..	22,000	..	21,400
18. h. MAINTENANCE AND REPAIRS—								
A. ORDINARY AREAS.	..	9,07,752	..	9,24,000	..	9,11,900	..	8,66,900
B. PARTIALLY EXCLUDED AREAS.	..	7,350	..	18,000	..	12,300	..	15,500
C. PROVISION FOR FLOOD REPAIRS..	..	..	..	15,000	..	..	..	1,00,000
TOTAL—18. h. ..	..	9,15,102	..	9,57,000	..	9,24,200	..	9,82,400
18. j. ESTABLISHMENT—								
A. ORDINARY AREAS—								
1. PAY OF ESTABLISHMENTS ..	..	1,87,484	..	1,84,000	..	1,92,800	..	1,92,200
2. OTHER CHARGES ..	..	50,812	..	49,200	..	50,600	..	50,400
B. PARTIALLY EXCLUDED AREAS—								
1. PAY OF ESTABLISHMENTS AND OTHER CHARGES ..	..	5,544	..	6,000	..	5,700	..	6,400
TOTAL—18. j. ..	..	2,43,840	..	2,39,200	..	2,49,100	..	2,49,000
18. k. TOOLS AND PLANT—								
A. ORDINARY AREAS.	..	104		500	..	500	..	100
TOTAL—18. k. ..	..	104	..	500	..	500	..	100
MISCELLANEOUS EXPENDITURE.								
18. l. GRANTS-IN-AID ..	..	1,183	..	1,200	..	1,200	..	1,200
TOTAL—MINOR IRRIGATION	..	11,74,058	..	12,19,900	..	11,97,000	..	12,54,100
TOTAL—IRRIGATION WORKS.	..	29,55,081	..	27,54,500	..	28,31,700	..	27,48,100
	29,55,081		27,54,500		28,31,700		27,48,100	

18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937-1938.		Budget Estimate, 1938-1939.		Revised Estimate, 1938-1939.		Budget Estimate, 1939-1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Navigation, Embankment and Drainage Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. m. WORKS	..	22,666	..	300	..	19,700	..	..
18. n. EXTENSIONS AND IMPROVEMENTS ..	..	5,211	..	15,300	..	5,900	..	14,300
18. o. MAINTENANCE AND REPAIRS ..	..	6,21,131	..	6,00,000	..	4,41,600	..	4,23,900
MISCELLANEOUS EXPENDITURE								
18. p. ESTABLISHMENTS—								
A. PAY OF OFFICERS AND ESTABLISHMENT ..	..	7,934	..	500	..	1,600	..	..
B. OTHER CHARGES (ALLOWANCES AND CONTINGENCIES) ..	..	431	..	300	..	400	..	..
TOTAL—18. p. ..	..	8,365	..	800	..	2,000	..	..
18. q. OTHER CHARGES.	..	5,530	..	1,000	..	1,000	..	1,000
TOTAL—NAVIGATION, ETC., WORKS	..	6,62,903	..	6,17,400	..	4,70,200	..	4,39,200
	6,62,903		6,17,400		4,70,200		4,39,200	
18. LUMP ADDITION FOR REGRANT OF LAPSES.	..	..	..	2,000	..	..	..	..
18. LUMP DEDUCTION FOR PROBABLE SAVINGS ..	..	..	..	—2,000	..	..	..	— 700
18. PROVISION FOR FLOOD REPAIRS	..	..	..	21,500	..	..	..	2,00,000
18. *Deduct*—AMOUNT FINANCED FROM FAMINE RELIEF FUND ..	..	..	..	..	..	..	..	— 5,000
TOTAL—18. (INCLUDED IN DEMAND VII—IRRIGATION).	..	36,17,984	..	33,93,400	..	33,01,900		33,81,600
	36,17,984		33,93,400		33,01,900		33,81,600	
Add—								
Pro rata CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENT, ETC., ESTABLISHMENT ..	*2,08,971*	5,38,383	*1,37,400*	4,57,800	*1,26,100*	4,23,800	*1,19,200*	4,15,300
TOOLS AND PLANT ..	..	8,288	..	16,300	..	15,200	..	17,100
	2,08,971	41,64,655	*1,37,400*	38,67,500	*1,26,100*	37,40,900	*1,19,200*	38,14,000
GRAND TOTAL—MAJOR HEAD 18.	43,73,626		40,04,900		38,67,000		39,33,200	

18 (1)—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM FAMINE RELIEF FUND.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
18 (1) WORKS	..	..	..	..	..	..	..	5,000
Add— *Pro rata* CHARGES SHOWN UNDER DEMAND XXV (FINANCED FROM FAMINE RELIEF FUND).								
(i) ESTABLISHMENT ..	..	..	..	..	..	..	300	1,000
(ii) TOOLS AND PLANT.	..	..	..	..	..	..	..	100
	..	..	..	..	..	..	300	6,100
GRAND TOTAL—MAJOR HEAD 18 (1).	..		..		..		6,400	

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938. Charged	Accounts, 1937–1938. Voted.	Budget Estimate, 1938–1939. Charged.	Budget Estimate, 1938–1939. Voted.	Revised Estimate, 1938–1939. Charged.	Revised Estimate, 1938–1939. Voted.	Budget Estimate, 1939–1940. Charged.	Budget Estimate, 1939–1940. Voted.
A. Financed from Famine Relief Fund.								
IRRIGATION WORKS—								
19. a. UNPRODUCTIVE—WORKS	..	..	..	3,000	..	4,100	..	1,600
Add— *Pro rata* CHARGES SHOWN UNDER DEMAND XXV (FINANCED FROM FAMINE RELIEF FUND).								
(i) ESTABLISHMENT ..	..	..	*200*	700	*300*	800	*100*	300
(ii) PENSION CHARGES.	..	..	..	100	..	100	..	..
TOTAL—A. a. ..	..	..	*200*	3,800	*300*	5,000	*100*	1,900
19. A. b. *Deduct*—AMOUNT TRANSFERRED FROM FAMINE RELIEF FUND	..	..	— *200*	— 3,800	— *300*	— 5,000	— *100*	— 1,900
TOTAL—A. WORKS FINANCED FROM FAMINE RELIEF FUND ..	..	..	..	..	..	..	..	..
B. Financed from Ordinary Revenues.								
IRRIGATION WORKS—								
Productive.								
19. B. a. WORKS—								
A. GODAVARI DELTA SYSTEM ..	..	..	..	14,100	..	14,100	..	3,900
B. POLAVARAM ISLAND PROJECT ..	..	..	..	800	..	1,100	..	..
Carried over ..	..	..	..	14,900	..	15,200		3,900

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
B. Financed from Ordinary Revenues—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
IRRIGATION WORKS—*cont.*								
19. B. a. WORKS—*cont.*								
Productive—*cont.*								
Brought forward ..	..	..	..	14,900	..	15,200	..	3,900
C. KISTNA DELTA SYSTEM	..	..	..	4,800	..	3,200	..	1,900
D. CAUVERY DELTA SYSTEM ..	..	..	..	76,900	..	31,700	..	22,000
E. TOLUDUR RESERVOIR SYSTEM ..	..	..	..	3,000	..	10,100	..	2,000
F. KATTALAI SCHEME.	..	..	..	..	..	..	..	3,300
G. KISTNA EAST BANK CANAL EXTENSION SCHEME ..	..	..	..	1,200	..	1,200	..	1,800
H. MEHAMATTUR ANICUT SYSTEM ..	..	..	..	..	..	300	..	..
J. PENNAR RIVER CANALS SYSTEM ..	..	..	..	..	..	..	..	31,000
TOTAL—19. B. a. WORKS.	..	†1,18,541	..	1,00,800	..	61,700		65,900
19. B. b. WORKS—								
Unproductive.								
A. NAGAVALLI RIVER SYSTEM ..	..	..	..	5,500	..	3,700	..	..
B. BASAVANNAH CHANNEL ..	..	..	..	..	..	2,300	..	..
C. MUNIYERU SYSTEM.	..	..	..	1,000	..	800	..	..
D. PALAR ANICUT SYSTEM ..	..	..	..	16,800	..	14,800	..	2,000
E. DUVVALERU PROJECT ..	..	..	..	50,000	..	5,000	..	65,000
TOTAL—19. B. b. WORKS.	..	1,30,283	..	73,300	..	26,600	..	67,000

† Excludes Rs. 25 on account of Receipts and Recoveries on Capital Account.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937-1938.		Budget Estimate, 1938-1939.		Revised Estimate, 1938-1939.		Budget Estimate, 1939-1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
B. Financed from Ordinary Revenues—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
NAVIGATION WORKS—								
Unproductive.								
19. B. c. WORKS—Buckingham Canal.	..	..	..	2,000	..	1,800	..	..
TOTAL—19. B. c. WORKS.	..	..	..	2,000	..	1,800	..	..
TOTAL—B. WORKS FINANCED FROM ORDINARY REVENUES	..	2,48,824	..	1,76,100	..	90,100	..	1,32,900
Total—19. Works ..	..	2,48,824	..	1,76,100	..	90,100	..	1,32,900
19. Pension Charges ..	*2,381*	6,840	*1,000*	3,300	*500*	1,700	*700*	2,400
19. Lump addition for regrant of lapses.	..	..	..	5,000	..	..	..	300
19. Lump deduction for probable savings ..	..	..	..	— 5,000	..	..	..	— 2,300
	2,381	2,55,664	*1,000*	1,79,400	*500*	91,800	*700*	1,33,300
TOTAL—19. (INCLUDED IN DEMAND VII—IRRIGATION) ..	2,58,045		1,80,400		92,300		1,34,000	
Add— *Pro rata* charges shown under Demand XXV—Civil Works—Establishment, Etc. (Financed from ordinary revenues).								
(*a*) Establishment ..	*26,023*	74,757	*11,500*	38,000	*5,600*	18,800	*7,500*	26,100
(*b*) Tools and Plant.	..	959	..	1,400	..	700	..	1,100
	28,404	3,31,380	*12,500*	2,18,800	*6,100*	1,11,300	*8,200*	1,60,500
GRAND TOTAL—MAJOR HEAD 19.	3,59,784		2,31,300		1,17,400		1,68,700	

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS.

a. Extensions and Improvements.

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.			
		Accounts, 1937–1938.	Budget Estimate, 1938–1939.	Revised Estimate, 1938–1939.	Budget Estimate, 1939–1940.
(1)	(2)	(3)	(4)	(5)	(6)
XVII. a. Extensions and Improvements.	Extensions and Improvements.	RS.	RS.	RS.	RS.
	1. Chicacole Minor Rivers system ..	801	..	34	2,950
	2. Godavari Delta system	2,39,803	75,618	— 95,728	82,948 * 6,400
	3. Kistna Delta system	66,494	60,300	49,256 * 200	46,200
	4. Pennar River Canals system ..	6,168	5,700	6,200	5,600
	5. Cumbum tank	..	2,000	2,000	1,900
	6. Poiney Anicut system	1,534	1,100	1,100	..
	7. Cheyyar Anicut system	2,603	3,600	3,600	3,000
	8. Thadapalli channel	9,601	..	..	700
	9. Arkenkota channel	5,459	..	..	..
	10. Kalingarayan channel	29,907	1,600	5,700	..
	11. Tirukkoyilur Anicut system	10,379	3,000	1,366	3,600
	12. Shatiatope Anicut system	372	180	300	1,000
	13. Mehmathur Anicut system	..	2,400	500	2,950
	14. Vriddhachalam Anicut system ..	560	4,600	4,600	1,080
	15. Toludur Project	586	6,600	4,300	2,480
	16. Lower Coleroon Anicut system ..	10,372	18,800	10,600	22,400
	17. Cauvery Delta system	31,587	62,100	60,550	61,800
	18. Nandiyar Channel system	282	..	..	..
	19. Periyar system	15,995	16,300	11,500	6,100
	20. Srivaikuntam Anicut system	3,601	700	700	1,100
	21. Marudur Anicut system	12,088	600	600	900
	22. Kattalai scheme	10,435	10,000	11,300	10,700
	23. Polavaram Island Project	2,717	100	1,050	2,290
	24. Cauvery-Mettur Project	28,136	26,500	15,270	23,200
	25. Kistna East Bank Canal Extension Scheme	2,813	4,200	3,400	2,200
	Total ..	4,92,293	3,05,998	98,198 + * 200	2,85,098 + * 6,400
	Deduct—Old Maintenance Charges.†	— 56,833	— 78,698	— 77,498	— 78,298
Grand Total—XVII. a. Irrigation Works—Productive Works—Extensions and Improvements—Voted		4,35,460	2,27,300	20,700 + * 200	2,06,800 + * 6,400

* Represents cost of English stores.

† Old maintenance charges have been fixed for each system as under—

	RS.		RS.
Ganjam Minor Rivers system	1,529	Shatiatope Anicut system	64
Divi Pumping system	49	Mehmathur Anicut system	126
Pennar River Canals system	3,909	Lower Coleroon Anicut system	2,427
Chembrambakkam tank	2,283	Cauvery Delta system	44,100 (a)
Poiney Anicut system	3,057	Nandiyar Channel system	2,836
Cheyyar Anicut system	2,566	Periyar system	4,474
Thadapalli channel	3,569	Srivaikuntam Anicut system	352
Arkenkota channel	793	Marudur Anicut system	200
Kalingarayan channel	3,992		
Tirukkoyilur Anicut system	1,972	Total ..	78,298

(*a*) Revised Estimate, 1938–1939, is Rs. 43,200.

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

b. Maintenance and Repairs.

Sub-heads of appropriation. (1)	Detailed account heads. (2)	Figures by detailed account heads. Accounts, 1937–1938. (3)	Budget Estimate, 1938–1939. (4)	Revised Estimate, 1938–1939. (5)	Budget Estimae, 1939–1940. (6)
XVII. b. Maintenance and Repairs.	Maintenance and Repairs.	RS.	RS.	RS.	RS.
	1. Chicacole Minor Rivers system ..	27,991	30,000	36,000	29,000
	2. Godavari Delta system	6,56,827	6,45,600	7,83,340	6,22,800
	3. Kistna Delta system	5,01,085	5,36,400	4,80,500	5,10,000
	4. Pennar River Canals system	98,518	91,000	91,000	91,000
	5. Cumbum tank	697	1,000	1,000	1,100
	6. Chembrambakkam tank	7,555	7,201	7,201	7,200
	7. Poiney Anicut system	27,093	20,000	37,000	20,000
	8. Cheyyar Anicut system	23,053	24,300	42,300	24,800
	9. Thadapalli channel	10,375	10,000	8,400	8,500
	10. Arkenkota channel	5,463	4,100	4,100	4,100
	11. Kalingarayan channel	10,796	10,500	10,500	9,500
	12. Tirukkoyilur Anicut system	29,314	19,000	52,240	19,000
	13. Shatiatope Anicut system	24,492	20,000	54,500	20,000
	14. Mehmathur Anicut system	10,212	4,800	12,800	3,400
	15. Vriddhachalam Anicut system ..	10,198	8,600	13,600	6,200
	16. Toludur Project	33,533	23,100	40,000	22,000
	17. Lower Coleroon Anicut system ..	1,05,937	92,500	86,000	95,400
	18. Cauvery Delta system	5,06,620	5,12,200	5,57,800	5,22,100
	19. Nandiyar Channel system	4,286	5,300	5,300	3,100
	20. Periyar system	1,17,881	1,14,000	1,11,700	1,05,100
	21. Srivaikuntam Anicut system	54,980	50,000	60,000	64,000
	22. Marudur Anicut system	16,135	15,000	15,000	17,000
	23. Kattalai scheme	67,105	71,000	67,100	61,000
	24. Polavaram Island Project	9,613	6,000	15,900	7,000
	25. Cauvery-Mettur Project	2,04,744	1,97,700	1,87,720	1,72,901
	26. Kistna East Bank Canal Extension Scheme	40,160	28,200	44,500	46,500
	Total ..	26,04,663	25,47,501	28,25,501	24,92,701
	Deduct—Old Maintenance Charges.†	— 4,98,649	— 5,02,501	— 5,46,001	— 5,19,201
GRAND TOTAL—XVII. b. IRRIGATION WORKS—PRODUCTIVE WORKS—MAINTENANCE AND REPAIRS—VOTED		21,06,014	20,45,000	22,79,500	19,73,500

† Old maintenance charges have been fixed for each system as under—

	RS.		RS.		RS.
Ganjam Minor Rivers system ..	3,126	Arkenkota channel	100	Periyar system	21,422
Divi Pumping system	12,131	Tirukkoyilur Anicut system ..	2,960	Srivaikuntam Anicut system ..	5,208
Pennar River Canals system ..	25,744	Shatiatope Anicut system	1,580	Marudur Anicut system	4,500
Cumbum tank	793	Mehmathur Anicut system	510	Kattalai Scheme	48,500
Chembrambakkam tank	3,097	Lower Coleroon Anicut system ..	4,853	Total ..	5,19,201
Poiney Anicut system	66	Cauvery Delta system	3,83,600		
Cheyyar Anicut system	640	Nandiyar Channel system	371		

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

c. Establishment.

Sub-heads of appropriation. (1)	Strength. 1938–1939. (2)	Strength. 1939–1940. (3)	Details. (4)	Accounts, 1937–1938. (5)	Budget Estimate, 1938–1939. (6)	Revised Estimate, 1938–1939. (7)	Budget Estimate, 1939–1940. (8)
				RS.	RS.	RS.	RS.
c. A. Special Establishment.			Voted	893	900	900	900
	1	1	Driver for shutter-lifting machines, Kistna anicut 1 (50—70).				
			Total—c. A.—Voted ..	893	900	900	900
c. B. Mettur Township Administration.			Voted—				
			Add—Proportionate charges on account of Mettur Township ..	5,625	15,300	4,000	3,100
			Total—c. B.—Voted ..	5,625	15,300	4,000	3,100
			GRAND TOTAL—XVII. c. ESTABLISHMENT—VOTED ..	6,518	16,200	4,900	4,000

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS.

d. Extensions and Improvements.

Sub-heads of appropriation. (1)	Detailed account heads. (2)	Accounts, 1937–1938. (3)	Budget Estimate, 1938–1939. (4)	Revised Estimate, 1938–1939. (5)	Budget Estimate, 1939–1940. (6)
		RS.	RS.	RS.	RS.
	Extensions and Improvements.				
XVII. d. Extensions and Improvements.	1. Nagavalli river system	520	500	500	2,200
	2. Mopad reservoir	1,430	100	300	..
	3. Markapur tank	— 15	450	340	..
	4. Sagileru system	14	..	..	470
	5. Kurnool-Cuddapah canal	3,305	834	7,134	1,514
	6. Madras Water-supply and Irrigation system	..	4,500	200	..
	7. Barur tank	74	..	200	..
	8. Palar anicut system *	808	2,500	2,200	1,100
	9. Pelandorai anicut system *	283	1,100	1,010	1,000
	10. Muniyeru system	3,631	1,000	1,000	..
	11. Siddapur tank	150	..	..	..
	12. Atmakur tank	503	800	600	..
	13. Dondapad tank	314	..	..	..
	14. Basavannah channel	..	800	..	..
	15. Jangamaheswarapuram tank	..	..	700	..
	Total ..	11,017	12,584	14,184	6,284
	Deduct—Old Maintenance Charges.†	— 6,284	— 6,284	— 6,284	— 6,284
	GRAND TOTAL—XVII. d. IRRIGATION WORKS—UNPRODUCTIVE WORKS—EXTENSIONS AND IMPROVEMENTS—VOTED ..	4,733	6,300	7,900	..

* Transferred to unproductive class in G.O. No. 1589 I., dated 16th June 1931.

† Old maintenance charges have been fixed permanently for each system as under—

	RS.
Nagavalli river system	1,432
Anamasamudram-Beraperu tank ..	28
Markapur tank	29
Sagileru system	500
Kurnool-Cuddapah canal	232
Madras Water-supply and Irrigation system ..	3,600
Vallur anicut system	226
Palar anicut system	178
Pelandorai anicut system	59
Total ..	6,284

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS—*cont.*

e. MAINTENANCE AND REPAIRS.

Sub-heads of appropriation. (1)	Detailed account heads. (2)	Figures by detailed account heads. Accounts, 1937-1938. (3)	Budget Estimate, 1938-1939. (4)	Revised Estimate, 1938-1939. (5)	Budget Estimate, 1939-1940. (6)
	MAINTENANCE AND REPAIRS.	RS.	RS.	RS.	RS.
XVII. e. MAINTENANCE AND REPAIRS.	1. Nagavalli river system	30,758	15,500	15,500	17,300
	2. Muniyeru system	10,764	6,000	6,000	6,000
	3. Bhavanasi tank	1,133	1,000	1,000	1,000
	4. Ponnalur tank	2,487	1,000	1,000	1,000
	5. Hajipuram tank	400	300	300	500
	6. Mopad reservoir	6,224	5,000	5,000	5,000
	7. Markapur tank	1,728	2,500	2,500	1,750
	8. Siddapur tank	600	600	735	600
	9. Venkatapuram tank	699	400	400	400
	10. Sagileru system	2,906	4,600	4,600	3,300
	11. Kurnool-Cuddapah canal	69,995	69,995	69,660	67,045
	12. Yellanur tank system	501	500	1,900	500
	13. Madras Water-supply and Irrigation system	14,785	13,000	13,000	13,000
	14. Vallur anicut system	2,292	3,500	4,500	3,500
	15. Barur tank	16,010	6,000	11,000	5,500
	16. Kanniyampalayam anicut	648	1,000	1,000	1,700
	17. Palar anicut system *	62,406	56,600	61,900	56,600
	18. Pelandorai anicut system *	12,448	12,000	11,700	12,000
	19. Jangamaheswarapuram tank	23	300	300	300
	20. Atmakur tank	387	300	300	300
	21. Nagavaram anicut and supply channel.	804	500	400	500
	22. Anamasamudram-Beraperu tank ..	611	600	600	600
	23. Yerur tank	592	4,000	4,700	800
	24. Basavannah channel	10,005	10,000	6,200	4,300
	25. Dondapad	..	100	100	100
	TOTAL ..	2,49,206	2,15,295	2,24,295	2,03,595
	Deduct—OLD MAINTENANCE CHARGES. †	—11,195	—11,195	— 11,195	— 11,195
GRAND TOTAL—XVII. e. IRRIGATION WORKS—UNPRODUCTIVE WORKS—MAINTENANCE AND REPAIRS—VOTED ..		2,38,011	2,04,100	2,13,100	1,92,400

* Transferred to unproductive class in G.O. No. 1589 I., dated 16th June 1931.
† Old maintenance charges have been fixed permanently for each system as under—

	RS.		RS.
Nagavalli river system	1,462	Madras Water-supply and Irrigation system ..	200
Muniyeru river system	222	Vallur anicut system	1,077
Anamasamudram-Beraperu tank ..	612	Palar anicut system	2,909
Markapur tank	213	Pelandorai anicut system	58
Sagileru system	1,685		
Kurnool-Cuddapah canal	2,757	Total ..	11,195

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.

Sub-heads of appropriation. (1)	Details. (2)	Figures by detailed account heads. Accounts, 1937–1938. (3)	Budget Estimate, 1938–1939. (4)	Revised Estimate, 1938–1939. (5)	Budget Estimate, 1939–1940. (6)
		RS.	RS.	RS.	RS.
f. Extensions and Improvements.	Buckingham Canal	2,050	4,500	14,400	3,600
	TOTAL—XVII. f. EXTENSIONS AND IMPROVEMENTS—VOTED.	2,050	4,500	14,400	3,600
g. Maintenance and Repairs.	1. Buckingham Canal	2,12,778	2,20,000	1,10,000	1,60,000
	2. Vedaranniyam Canal	5,016	6,900	5,800	10,700
	TOTAL—XVII. g. MAINTENANCE AND REPAIRS—VOTED ..	2,17,794	2,26,900	1,15,800	1,70,700

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Establishment.

Sub-heads of appropriation. (1)	Details. (2)	Accounts, 1937–1938. (3)	Budget Estimate, 1938–1939. (4)	Revised Estimate, 1938–1939. (5)	Budget Estimate, 1939–1940. (6)
Establishment.	Charges for distribution of water. — *Charged* ..	..	*74,100*	*74,400*	*72,400*
	Charges for distribution of water. — Voted ..	..	2,46,900	2,50,200	2,52,200
	Establishment on pro-rata basis. — *Charged* ..	..	*1,80,100*	*1,64,400*	*1,52,100*
	Establishment on pro-rata basis. — Voted ..	..	6,00,100	5,52,400	5,29,500
	GRAND TOTAL—XVII. ESTABLISHMENT.	..	11,01,200	10,41,400	10,06,200
	Charged ..	..	*2,54,200*	*2,38,800*	*2,24,500*
	Voted ..	..	8,47,000	8,02,600	7,81,700
	Distribution of total Establishment charges as between Productive and Unproductive—				
	Irrigation—				
	Productive .. .. — *Charged* ..	..	*2,17,900*	*2,11,100*	*1,95,300*
	Productive .. .. — Voted ..	..	7,25,900	7,09,600	6,80,400
	Unproductive .. — *Charged* ..	..	*21,300*	*19,600*	*19,200*
	Unproductive .. — Voted ..	..	71,100	65,900	66,500
	Navigation—				
	Unproductive — *Charged* ..	..	*15,000*	*8,100*	*10,000*
	Unproductive — Voted ..	..	50,000	27,100	34,800
	Total .. — *Charged* ..	..	*2,54,200*	*2,38,800*	*2,24,500*
	Total .. — Voted ..	..	8,47,000	8,02,600	7,81,700

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.

Public Works Department—a. Works.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1937-1938. (4)	Budget Estimate, 1938-1939. (5)	Revised Estimate, 1938-1939. (6)	Budget Estimate, 1939-1940. (7)
	Major Works.	RS.	RS.	RS.	RS.	RS.
18. a. Works.	1. *Godavari Northern.*—Construction of a reservoir in Annavaram village, Peddapur taluk—G.O. No. 740 I., dated 28th March 1933 ..	22,300	12,551	6,200	6,200	2,500
	2. *Nellore.*—Formation of a new tank in the Gandamadakala village, Udayagiri taluk—G.O. Mis. No. 801 I., dated 28th March 1936	43,850	4,049	15,000	20,000	16,000
	3. *Kurnool.*—Restoration of Peddasettipalli channel in Proddatur taluk, Cuddapah district—G.O. No. 248 I., dated 30th January 1933	44,900	* 28,695	2,800	2,800	1,200
	Government share Rs. 39,067 Ryots' share .. ,, 5,833	W.S. 40,000				
	4. *South Arcot.*—Construction of a protective bund along the foreshore of the French Archivak tank—C.E.I.'s Memorandum No. 2097/28-B-24, dated 22nd December 1932, and G.O. No. 706 I., dated 22nd March 1933.	21,210	..	500	500	500
	French share .. Rs. 8,035 British share .. ,, 12,565	W.S. 20,600				
	5. *South Arcot.*—Construction of an anicut across the Gadilam river—G.O. No. 826 I., dated 30th April 1936	26,159	* 5,823	..	4,700	..
	Government share .. Rs. 10,281 Contribution .. ,, 4,879	T.S. 15,160				
	6. *Trichinopoly.*—Excavation of the Puduvaithalai high level channel for the irrigation of sanded areas of the Murungapettai block—G.O. No. 771 I., dated 17th March 1931	73,000	64,853	3,000	3,000	..
		D.S. 58,000				
N.	7. *Salem Division.*—Construction of an anicut across the Hebbahalla river in the Kollegal taluk, Coimbatore district—G.O. No. 2443 I., dated 17th November 1938	12,500	..	12,500	1,000	11,500
N.	8. *Madanapalle Division.*—Excavating a direct irrigation channel from the right bank of the Pennar to irrigate certain villages in Siddhout taluk, Cuddapah district †	1,05,000	..	..	..	5,000
	9. *Madanapalle Division.*—Excavating a spring channel from the left bank of the Chitravathi river to irrigate lands in Repalle, hamlet of Chowtapalle village, Jammalamadugu taluk, Cuddapah district..	27,900	..	..	..	1,000
	Total—Major Works ..	..	..	40,000	38,200	37,700
	Minor Works.					
	Public Works Department Works and Revenue Department Works in charge of Public Works Department	..	21,386	5,700	10,900	10,300
Grand Total—18. a. Irrigation Works—Public Works Department—Works—Voted ..		..	65,659	45,700	49,100	48,000

T.S. = Technical sanction. W.S. = Work slip. D.S. = Deviation Statement. N. = New Work.

† Financed from Famine Relief Fund.

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*

PUBLIC WORKS DEPARTMENT—b. EXTENSIONS AND IMPROVEMENTS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Accounts, 1937–1938. (3)	Budget Estimate, 1938–1939. (4)	Revised Estimate, 1938–1939. (5)	Budget Estimate, 1939–1940. (6)
		RS.	RS.	RS.	RS.
EXTENSIONS AND IMPROVEMENTS.	PUBLIC WORKS DEPARTMENT WORKS ..	45,634	57,300	44,900	62,400
	REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT	3,084	900	2,900	2,000
	OLD MAINTENANCE CHARGES	63,133	85,000	83,800	84,600
GRAND TOTAL—18. b. IRRIGATION WORKS—PUBLIC WORKS DEPARTMENT—EXTENSIONS AND IMPROVEMENTS—VOTED ..		1,11,851	1,43,200	1,31,600	1,49,000

PUBLIC WORKS DEPARTMENT—c. MAINTENANCE AND REPAIRS.

MAINTENANCE AND REPAIRS.	PUBLIC WORKS DEPARTMENT WORKS ..	9,48,074	7,47,700	8,05,100	6,98,500
	TANK RESTORATION SCHEME REPAIRS ..	18,338	29,200	20,600	17,400
	REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT	24,406	2,300	3,300	5,000
	OLD MAINTENANCE CHARGES	5,10,088	5,13,700	5,57,200	5,30,400
GRAND TOTAL—18. c. IRRIGATION WORKS—PUBLIC WORKS DEPARTMENT—MAINTENANCE AND REPAIRS—VOTED		15,00,906	12,92,900	13,86,200	12,51,300

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE.

PUBLIC WORKS DEPARTMENT—d. ESTABLISHMENT.

Sub-heads of appropriation. (1)	Strength. 1938–1939. (2)	Strength. 1939–1940. (3)	Details. (4)	Figures by detailed heads. Accounts, 1937–1938. (5)	Budget Estimate, 1938–1939. (6)	Revised Estimate, 1938–1939. (7)	Budget Estimate, 1939–1940. (8)
				RS.	RS.	RS.	RS.
d. A. PAY OF OFFICERS AND ESTABLISHMENTS.			CHARGED—				
			VOTED—				
			Pay of Officers, etc.	18,669	14,400	15,800	14,200
			TOTAL—d. A.—VOTED ..	18,669	14,400	15,800	14,200
d. B. OTHER CHARGES.			TOTAL—d. B—VOTED ..	12,144	5,600	7,300	4,100
GRAND TOTAL—18. d. IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE—PUBLIC WORKS DEPARTMENT—ESTABLISHMENT—VOTED				30,813	20,000	23,100	18,300

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS.

Minor Irrigation—j. Establishment.

Sub-heads of appropriation. (1)	Strength. 1938–1939. (2)	Strength. 1939–1940. (3)	Details. (4)	Figures by detailed account heads. Accounts, 1937–1938. (5)	Budget Estimate, 1938–1939. (6)	Revised Estimate, 1938–1939. (7)	Budget Estimate, 1939–1940. (8)
			A. Ordinary Areas.	RS.	RS.	RS.	RS.
j. A. 1. Pay of Establishments.			Voted—				
			Permanent	1,72,481	1,71,000	1,77,600	1,77,200
	129	129	Supervisors 7 (150—5—200—10—220), 2 (125—10/2—175—15/2—190), 2 (120—9/2—156—12/2—180); Overseers 1 (60—2½—180), 87 (50—2½—100), 19 (50—4/2—90), 11 (30—5/2—80) ..				
	16	16	Clerk-draughtsmen 13 (35—60), 2 (30—55); Maistri 1 (30) ..				
	130	130	Lascars 129 (12—18), 1 (12—17).				
			Leave allowance				
			Temporary	15,003	13,000	15,200	15,000
			Total—j. A. 1. Voted ..	1,87,484	1,84,000	1,92,800	1,92,200
j. A. 2. Other Charges.			Voted—				
			Travelling Allowances ..	3,588	2,900	3,000	3,100
			Fixed Travelling Allowances ..	43,926	43,400	45,100	45,100
			Contingencies	3,298	2,900	2,500	2,200
			Total—j. A. 2. Voted ..	50,812	49,200	50,600	50,400
			Total—j. A.—Ordinary Areas—Voted ..	2,38,296	2,33,200	2,43,400	2,42,600
			B. Partially Excluded Areas.				
j. B. Pay of Establishments and other Charges.			Voted—				
			Permanent—				
	2	2	Overseer 1 (50—4/2—90); Lascar 1 (12—18)	984	1,000	800	900
			Temporary	2,813	3,100	3,100	3,100
			Other Charges—				
			Travelling Allowances ..	194	200	200	200
			Fixed Travelling Allowances.	1,506	1,600	1,500	1,500
			Contingencies	47	100	100	700
			Total—j. B.—Partially Excluded Areas—Voted.	5,544	6,000	5,700	6,400
Grand Total—18. j. Irrigation Works—Minor Irrigation—Establishment—Voted				2,43,840	2,39,200	2,49,100	2,49,000

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT.

PUBLIC WORKS DEPARTMENT—m. WORKS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1937–1938. (4)	Budget Estimate, 1938–1939. (5)	Revised Estimate, 1938–1939. (6)	Budget Estimate, 1939–1940. (7)
		RS.	RS.	RS.	RS.	RS.
	MAJOR WORKS.					
18. m. WORKS..	*West Coast Division.*—Construction of two tidal locks in the West Coast Canal—G.O. No. 723 I., dated 22nd March 1935 and G.O. Ms. No. 1861, P.W.D., dated 27th August 1938	A.S. 71,990 T.S. 71,990	43,808	..	17,000	..
	TOTAL—MAJOR WORKS ..		43,808	..	17,000	..
	MINOR WORKS ..	..	..	300	2,700	..
GRAND TOTAL—18. m. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS—VOTED		..	..	300	19,700	..

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—A.—FINANCED FROM FAMINE RELIEF FUND—IRRIGATION WORKS a. UNPRODUCTIVE WORKS.

A. a. THIPPAYAPALEM PROJECT.	*Kurnool.*—Thippayapalem Reservoir—G.O. No. 1103 I., dated 25th April 1931 and No. 2009, P.W.D., dated 26th August 1936	4,67,600	3,98,082	3,000	4,100	1,600
	TOTAL—A. a. THIPPAYAPALEM PROJECT ..	..	..	3,000	4,100	1,600
GRAND TOTAL—19 A. a. IRRIGATION WORKS—UNPRODUCTIVE WORKS—VOTED ..		..	..	3,000	4,100	1,600

A.S. = Administrative sanction. T.S. = Technical sanction.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE.

a. WORKS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1937–1938. (4)	Budget Estimate, 1938–1939. (5)	Revised Estimate, 1938–1939. (6)	Budget Estimate, 1939–1940. (7)
		RS.	RS.	RS	RS.	RS.
a. A. GODAVARI DELTA SYSTEM.	1. *Godavari Western.*—Excavating the Kakinada drain—G.O. No. 257 I., dated 28th January 1930.	20,150 W.S. 17,540	10,779	400	1,200	..
N	2. *Godavari Western.*—Remodelling the Achanta channel and its branches in the Godavari Western Delta— 19. Irrigation Rs. 3,100 XVII. Extensions and Improvements Rs. 12,700.	15,800	..	..	..	200
	3. *Godavari Eastern.*—Constructing a Lock and Regulator across the Cocanada Canal below the head of the Samalkota Canal—G.O. No. 734 I., dated 23rd March 1935.	54,000	31,943	13,200	13,200	..
	4. *Godavari Eastern.*—Reconstructing the bridge over Injaram canal at mile 27/1 near Venkatayapalem—G.O. No. 2071 I., dated 2nd September 1936— "19." Government share Rs. 12,020, East Godavari District Board, Rs. 3,480 XVII. Extensions and Improvements Rs. 5,500	21,000	16,821	— 5,500	— 4,900	..
	5. Minor works	..	..	6,000	4,600	3,700
	TOTAL—a. A. GODAVARI DELTA SYSTEM.	..	59,543	14,100	14,100	3,900
a. B. POLAVARAM ISLAND PROJECT.	*Godavari Central*—Extending the north and south embankments of the Polavaram Island and constructing outfall sluices—G.O. No. 265 I., dated 31st January 1934.	68,400	55,727	800	1,100	..
	TOTAL—a. B. POLAVARAM ISLAND PROJECT.	..	55,727	800	1,100	..
a. C. KISTNA DELTA SYSTEM.	1. *Kistna Western.*—Excavating a straight cut for the Kollimerla drain—G.O. No. 791 W., dated 27th March 1936.	54,700	51,114	1,000	1,300	..
N	2. *Kistna Eastern.*—Excavating the Yellakurru Drain.	17,500	..	..	..	1,000
	3. Minor works	..	..	3,800	1,900	900
	TOTAL—a. C. KISTNA DELTA SYSTEM ..	..	..	4,800	3,200	1,900
a. D. CAUVERY DELTA SYSTEM.	1. *Vennar Division.*—Remodelling the Odambokkiyar river from the new regulator at 74/50 to the Kivalur dam at 89/0—G.O. Ms. No. 2068, dated 2nd September 1936. '19.' Government share .. .. Rs. 72,300 East Tanjore District Board and Tiruvarur Municipality .. Rs. 7,700 XVII-E. & I. .. Rs. 2,200 XVII M. & R. .. Rs. 6,500	88,700	34,012	32,000	14,500	5,000
	Carried over ..	..	34,012	32,000	14,500	5,000

W. S. = Workslip. T.S. = Technical sanction. N = New work.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Amount of estimate. (3)	Accounts to end of 1937–1938. (4)	Budget Estimate, 1938–1939. (5)	Revised Estimate, 1938–1939. (6)	Budget Estimate, 1939–1940. (7)
		Figures by detailed account heads.				
		RS.	RS.	RS.	RS.	RS.
	Brought forward ..		34,012	32,000	14,500	5,000
a. D. Cauvery Delta System—*cont.*	2. *Cauvery.*—Construction of regulators across the Nattar and Vanjiyar at the Vanjiyar head—G.O. No. 1574 I., dated 2nd August 1937. Government share .. Rs. 8,100; Contribution by French Government .. Rs. 8,000	16,100 T.S. 17,100	..	7,500	6,100	4,000
	3. *Cauvery.*—Construction of a regulator across the Cauvery below the Vikramanar head—G.O. No. 980 I., dated 17th May 1938.	23,500	..	19,400	11,100	13,000
	4. *Cauvery.*—Construction of a regulator across the Pudumanniar (Palavar III reach) below Uppan dam—G.O. No. 981 I., dated 17th May 1938.	22,000	..	18,000	..	..
	Total—a. D. Cauvery Delta System ..			76,900	31,700	22,000
a. E. Toludur Reservoir System.	1. *South Arcot.*—Acquisition of land for field channels in the Toludur Project area for development of irrigation—G.O. No. 865 I., dated 31st March 1936.	31,360 T.S. 43,000	5,822	3,000	10,000	2,000
	2. Minor works ..			..	100	..
	Total—a. E. Toludur Reservoir System ..			3,000	10,100	2,000
a. F. Kattalai Scheme.	Minor Works			..	..	3,300
	Total—a. F. Kattalai Scheme ..			..	..	3,300
a. G. Kistna East Bank Canal Extension Scheme.	Minor works			1,200	1,200	1,800
	Total—a. G. Kistna East Bank Canal Extension Scheme			1,200	1,200	1,800
a. H. Mehamattur Anicut System.	Minor works			..	300	..
	Total—a. H. Mehamattur Anicut System ..			..	300	..
a. J. Pennar River Canal System.	N *Nellore Division.*—Scheme for fitting up falling shutters over the Nellore anicut ..	31,000	..	..	..	31,000
	Total—a. J. Pennar River Canals System ..					31,000
GRAND TOTAL—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—a. WORKS—VOTED ..				1,00,800	61,700	65,900

T.S. = Technical sanction. N = New work.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE.

b. WORKS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1937–1938. (4)	Budget Estimate, 1938–1939. (5)	Revised Estimate, 1938–1939. (6)	Budget Estimate, 1939–1940. (7)
		RS.	RS.	RS.	RS.	RS.
b. A. Nagavalli River System.	1. *Vizagapatam.*—Excavating the Palavalasa distributary—G.O. No. 522 I., dated 29th February 1932.	17,000 17,700 (II W.S.)	15,381	2,000	2,000	..
	2. Minor works	..	..	3,500	1,700	..
	Total—b. A. Nagavalli River System.	..	..	5,500	3,700	..
b. B. Basavannah Channel.	1. *Bellary.*—Improvements and extensions of Basavannah channel—G.Os. No. 445 I., dated 19th December 1924, No. 2350 I., dated 24th September 1928, and No. 2567 I., dated 25th November 1933.	4,68,725 (II Revised Estimate).	4,66,561		800	..
	2. Minor works	..		..	1,500	..
	Total—b. B. Basavannah Channel ..	..		..	2,300	..
b. C. Muniyeru System.	Minor works			1,000	800	..
	Total—b. C. Muniyeru System ..			1,000	800	..
b. D. Palar Anicut System.	*North Arcot.*—Excavating a separate supply channel to Damal tank—G.O. No. 789 I., dated 27th March 1936.	T.S. 28,794 (Govt. share Rs. 20,079.) W.S. 27,300		16,800	14,800	2,000
	Total—b. D. Palar Anicut System ..			16,800	14,800	2,000
b. E. Duvvaleru Project.	*Kurnool Division.*—Duvvaleru Project—G.O. Ms. No. 2098, dated 7th September 1936.	1,14,000 W.S. 98,000	1,993	50,000	5,000	65,000
	Total—b. E. Duvvaleru Project ..			50,000	5,000	65,000
GRAND TOTAL—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—b. WORKS—VOTED				73,300	26,600	67,000

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE.

c. WORKS.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
c. Buckingham Canal.	Minor works			2,000	1,800	..
	Total—c. Buckingham Canal ..			2,000	1,800	..
GRAND TOTAL—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—c. WORKS—VOTED				2,000	1,800	..

W.S. = Workslip. T.S. = Technical sanction.

DEMAND XXXI—CAPITAL OUTLAY ON IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1939–1940.

DEMAND FOR GRANT (VOTED) .. .. RS. 4,63,700

Total of sums Charged .. .. .. *Rs. 2,600*

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—PRODUCTIVE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
68. a. WORKS—								
A. GODAVARI DELTA SYSTEM ..		— 88,468		95,400		76,400		49,600
B. KISTNA DELTA SYSTEM		3,39,644		3,43,500		3,04,400		2,98,200
C. KISTNA EAST BANK CANAL EXTENSION SCHEME ..		2,01,302		36,000		49,600		40,900
D. PENNAR RIVER CANALS SYSTEM ..		27,612		40,000		31,500		50,000
E. KATTALAI SCHEME.		15,340		45,000		33,400		45,000
F. CAUVERY DELTA SYSTEM ..		..		..		22,000		..
G. CAUVERY-METTUR PROJECT ..		77,037		77,300		1,01,000		31,000
TOTAL—68. a. ..		5,72,467		6,37,200		6,18,300		5,14,700
68. LUMP ADDITION FOR REGRANT OF LAPSES ..		..		2,500		..		1,000
68. LUMP DEDUCTION FOR PROBABLE SAVINGS ..		..		— 2,500		..		— 13,100

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—PRODUCTIVE—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
68. b. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT—								
I. KISTNA EAST BANK CANAL AND PEDDALANKA CHANNEL SCHEMES	..	25,683	..	..	..	..	..	..
II. CAUVERY-METTUR PROJECT	*674*	25,126	..	4,000	..	8,200	..	4,500
TOTAL—68. b. A. ..	*674*	50,809	..	4,000	..	8,200	..	4,500
B. PENSION CHARGES—								
1. KISTNA EAST BANK CANAL, ETC., SCHEMES	..	2,959	..	..	..	..	..	..
2. CAUVERY-METTUR PROJECT	*1,241*	1,116	..	500	..	800	..	400
3. OTHER WORKS ..	*3,251*	7,720	*3,600*	12,000	*3,500*	11,800	*2,600*	9,200
TOTAL—68. b. B. ..	*4,492*	11,795	*3,600*	12,500	*3,500*	12,600	*2,600*	9,600
TOTAL—68. b. ..	*5,166*	62,604	*3,600*	16,500	*3,500*	20,800	*2,600*	14,100
68. c. TOOLS AND PLANT.	..	29	..	..	..	..	..	..
68. d. SUSPENSE ..	..	—42,865	..	—20,000	..	—3,000	..	—3,000
68. e. *Deduct*—RECOVERIES ON CAPITAL ACCOUNT	..	—2,11,411	..	—51,500	..	—15,200	..	—50,000
68. f. CHARGES IN ENGLAND—								
HIGH COMMISSIONER FOR INDIA—								
A. LEAVE SALARIES AND DEPUTATION PAY	*9,305*	..	..	..	..	..	..	..
TOTAL—68. f. ..	*9,305*	..	..	..	..	..	..	..
68. g. LOSS OR GAIN BY EXCHANGE ..	*—48*	..	..	..	..	..	..	..
TOTAL—68. IRRIGATION WORKS—PRODUCTIVE.	*14,423*	3,80,824	*3,600*	5,82,200	*3,500*	6,20,900	*2,600*	4,63,700
	3,95,247		5,85,800		6,24,400		4,66,300	

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1937–1938.		Budget Estimate, 1938–1939.		Revised Estimate, 1938–1939.		Budget Estimate, 1939–1940.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS	RS.	RS.	RS.	RS.	RS.
IRRIGATION WORKS—UNPRODUCTIVE.								
68. h. WORKS—								
MINOR IRRIGATION WORKS—IMPROVEMENTS ..	..	12,37,642	..	69,100	..	1,08,500	..	..
68 j. ESTABLISHMENT—								
SPECIAL ESTABLISHMENT—IMPROVEMENTS TO MINOR IRRIGATION WORKS ..	*12,292*	(a) 2,52,006	..	10,800	..	8,900	..	..
68. k. TOOLS AND PLANT.	..	57	..	..	..	..	..	..
TOTAL—68.—IRRIGATION WORKS—UNPRODUCTIVE	*12,292*	14,89,705	..	79,900	..	1,17,400	..	..
	15,01,997		79,900		1,17,400		..	
TOTAL—DEMAND XXXI—CAPITAL OUTLAY ON IRRIGATION	*26,715*	18,70,529	*3,600*	6,62,100	*3,500*	7,38,300	*2,600*	4,63,700
	18,97,244		6,65,700		7,41,800		4,66,300	
Add—								
Pro rata CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.—								
(*a*) ESTABLISHMENT.	*35,532*	84,375	*41,400*	1,37,600	*38,300*	1,28,800	*28,800*	1,00,300
(*b*) TOOLS AND PLANT ..	..	1,741	..	4,900	..	4,600	..	4,100
TOTAL—MAJOR HEAD 68.	*62,247*	19,56,645	*45,000*	8,04,600	*41,800*	8,71,700	*31,400*	5,68,100
	20,18,892		8,49,600		9,13,500		5,99,500	

(*a*) Includes *minus* Rs. 173 on account of recoveries on capital account.

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE.

a. WORKS.

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1937-1938. (4)	Budget Estimate, 1938-1939. (5)	Revised Estimate, 1938-1939. (6)	Budget Estimate, 1939-1940. (7)
		RS.	RS.	RS.	RS.	RS.
a. A. GODAVARI DELTA SYSTEM.	1. *Godavari Western.*—Kalipatnam Scheme—G.O. No. 829 I., dated 30th March 1935.	11,400	8,648	2,400	1,200	1,300
	2. *Godavari Western.*—Providing irrigation facilities for Government waste lands in Muthyalapalli and Losaragutlapadu ranges—G.O. No. 709 I., dated 22nd March 1932.	88,885 W.S. 79,177 II. W.S. 87,913	69,971	17,000	8,000	10,000
	3. *Godavari Headworks.*—Replacement of 2-foot falling shutters by 3-foot shutters and provision of heavier machinery for lifting 3-foot shutters—G.O. No. 812 I., dated 30th May 1935.	5,65,500 T.S. 4,48,000 W.S. 3,63,000	1,96,745	..	— 500	..
	4. *Godavari Western.*—Excavating a channel to Vemuladivi village—G.O. No. 2598 I., dated 3rd December 1935.	1,10,000	66,852	40,000	32,500	7,500
	5. *Godavari Western.*—Excavating a channel to Losaragutlapadu village—G.O. No. 2597 I., dated 3rd December 1935.	1,01,000 W.S. 98,400	53,920	26,000	20,000	20,000
	6. *Godavari Western.*—Remodelling the Bondada channel—G.O. No. 2069 I., dated 2nd September 1936.	11,510	1,441	2,000	2,000	800
	7. *Godavari Central.*—Remodelling the Pallamkurru Nos. I and II channels—G.O. No. 2885 I., dated 15th December 1936.	31,700	4,103	8,000	13,200	9,000
	8. Minor works	..	..	..	..	1,000
	TOTAL—a. A. GODAVARI DELTA SYSTEM.			95,400	76,400	49,600
a. B. KISTNA DELTA SYSTEM.	1. *Kistna Eastern.*—Improvements to Peddalanka channel—G.O. No. 230 I., dated 27th January 1933.	4,28,690	3,71,225	1,000	..	1,400
	2. *Kistna Western.*—Excavating the Pedakondur channel—G.O. No. 655 I., dated 15th March 1934.	47,286	49,321	3,600	2,500	700
	Carried over ..			4,600	2,500	2,100

W.S. = Work Slip. T.S. = Technical Sanction.

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. Works—*cont.*

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1937–1938. (4)	Budget Estimate, 1938–1939. (5)	Revised Estimate, 1938–1939. (6)	Budget Estimate, 1939–1940. (7)
		RS.	RS.	RS.	RS.	RS.
	Brought forward ..			4,600	2,500	2,100
a. B. Kistna Delta System—*cont.*	3. *Kistna Western.*—Excavating the Tumuluru and Davuluru channels and Kollipara new channel —G.O. No. 660 I., dated 15th March 1934.	54,071	39,058	2,900	2,900	..
	4. *Kistna Western.*—Excavation of the Kistna High Level canal (inclusive of land acquisition staff)—G.O. No. 975 I., dated 16th April 1935.	7,11,431	4,13,337	1,25,000	99,000	40,000
	5. *Guntur Division.*—Excavation of the Appapuram channel—G.O. No. 1003 I., dated 24th April 1936.	10,75,700	1,81,917	2,00,000	2,00,000	2,50,000
	6. *Kistna Central.*—Extending the wharf at Bezwada from the girder bridge at mile 0/2 of the Kistna Eastern delta main canal down to railway girder bridge—G.O. No. 741 I., dated 9th April 1938.	20,100		8,000	† ..	† ..
	7. Minor Works ..			3,000	..	6,100
	Total—a. B. Kistna Delta System.			**3,43,500**	**3,04,400**	**2,98,200**
a. C. Kistna East Bank Canal Extension Scheme.	*Kistna Central and Guntur Divisions.*—Kistna East Bank Canal Scheme—G.O. No. 231 I., dated 27th January 1933.	28,49,320	25,82,512	36,000	49,600	40,900
	Total—a. C. Kistna East Bank Canal Extension Scheme.			**36,000**	**49,600**	**40,900**
a. D. Pennar River Canals System.	*Nellore.*—Fitting falling shutters over Sangam anicut—G.O. No. 2896 I., dated 17th December 1936.	1,36,500	41,618	40,000	31,500	50,000
	Total—a. D. Pennar River Canals System.			**40,000**	**31,500**	**50,000**

† The *nil* provision is due to postponement of the work.

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1937–1938. (4)	Budget Estimate, 1938–1939. (5)	Revised Estimate, 1938–1939. (6)	Budget Estimate, 1939–1940. (7)
		RS.	RS.	RS.	RS.	RS.
a. E. KATTALAI SCHEME.	1. *Trichinopoly.*—Bed regulator across the Cauvery at Kattalai and High Level channel—G.O. No. 96 I., dated 12th January 1931. (Bed Regulator D.S. Rs. 6,84,000; High Level channel D.S. Rs. 15,91,000.)	D.S. 22,75,000	14,50,761	25,000	27,800	23,000
	2. *Trichinopoly.*—Kattalai North Bank Canal scheme—G.Os. No. 1494 I., dated 10th May 1929, and No. 3545 I., dated 18th December 1930.	D.S. 3,50,750	3,41,496	..	— 400	..
	3. *Trichinopoly.*—Extension of the Uyyakondan channel in the Trichinopoly and Tanjore districts—G.O. No. 1568 I., dated 31st July 1937.	45,000		20,000	6,000	22,000
	TOTAL—a. E. KATTALAI SCHEME.			45,000	33,400	45,000
a. F. CAUVERY DELTA SYSTEM.	1. *Cauvery Division.*—Constructing regulator across Pudumanniar—Palavar III reach below Uppandam—G.O. Ms. No. 1787, P.W., dated 18th August 1938.	22,000			21,000	..
	2. Minor Works				1,000	..
	TOTAL—a. F. CAUVERY DELTA SYSTEM ..				22,000	..
	HEADWORKS.					
a. G. CAUVERY-METTUR PROJECT.	1. Surplus sluices and shutters. 2. Saddle surplus cutting ..		74,851	27,300	1,12,300	..
	3. Special Tools and Plant—Maintenance and Repairs.		433	..	1,100	..
	4. *Deduct.*—Receipts by sale of Special Tools and Plant— In India		— 82,168	— 10,000	— 60,000	— 5,000
	5. Loss on stock		41,059	10,000	2,500	1,000
	TOTAL—HEADWORKS ..		† 46,154	27,300	55,900	— 4,000
	CANALS ..			50,000	45,100	35,000
	TOTAL—a. G. CAUVERY-METTUR PROJECT ..			77,300	1,01,000	31,000
GRAND TOTAL—68. a. IRRIGATION WORKS—PRODUCTIVE—VOTED ..				6,37,200	6,18,300	5,14,700

D.S. = Deviation Statement.

† Includes Rs. 11,[illegible] for shutters for Irrigation sluices.

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

b. ESTABLISHMENT.

Sub-heads of appropriation. (1)	Strength. 1938–1939. (2)	Strength. 1939–1940. (3)	Details. (4)	Figures by detailed account heads. Accounts, 1937–1938. (5)	Budget Estimate, 1938–1939. (6)	Revised Estimate, 1938–1939. (7)	Budget Estimate, 1939–1940. (8)
				RS.	RS.	RS.	RS.
			A. SPECIAL ESTABLISHMENTS—PRODUCTIVE.				
			I. KISTNA EAST BANK CANAL AND PEDDALANKA CHANNEL SCHEMES.				
b. A. I. KISTNA EAST BANK CANAL AND PEDDALANKA CHANNEL SCHEMES.			TOTAL—b. A. I.—VOTED ..	25,683	..	..	..
			II. CAUVERY-METTUR PROJECT.				
			CANALS AND HEADWORKS—(i) PUBLIC WORKS ESTABLISHMENTS.				
b. A. II. CAUVERY-METTUR PROJECT.			CHARGED—*Pay of Officers*	*674*	..	..	..
			VOTED—PAY OF OFFICERS	9,295	1,000	3,400	1,000
			PAY OF ESTABLISHMENTS	14,784	3,000	4,300	3,000
			CONTINGENCIES	307	..	..	..
			(ii) ESTABLISHMENTS OTHER THAN PUBLIC WORKS ESTABLISHMENTS.				
			Pay of Establishment	740	..	500	500
			TOTAL—b. A. II—CAUVERY-METTUR PROJECT—VOTED ..	*674* 25,126	4,000	8,200	4,500
GRAND TOTAL—68. b. A. ESTABLISHMENT—SPECIAL ESTABLISHMENTS—PRODUCTIVE—VOTED ..				*674* 50,809	4,000	8,200	4,500

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—UNPRODUCTIVE.

j. ESTABLISHMENT.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			SPECIAL ESTABLISHMENT.				
IMPROVEMENTS TO MINOR IRRIGATION WORKS.			VOTED—PAY OF OFFICERS	*11,055* 34,878	[illegible]	[illegible]	[illegible]
			PAY OF ESTABLISHMENTS ..	1,11,857	4,800	4,900	..
			ALLOWANCES—TRAVELLING ALLOWANCES	*1,237* 52,486	2,200	2,900	..
			CONTINGENCIES	8,074	200	100	..
			SUPERVISION CHARGES	32,570	..	..	..
			DIRECTION CHARGES	12,314	2,800	..	..
GRAND TOTAL—68. j. SPECIAL ESTABLISHMENT—UNPRODUCTIVE—VOTED.				*12,292* 2,52,179	10,800	8,900	..

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